52-12

[redacted]

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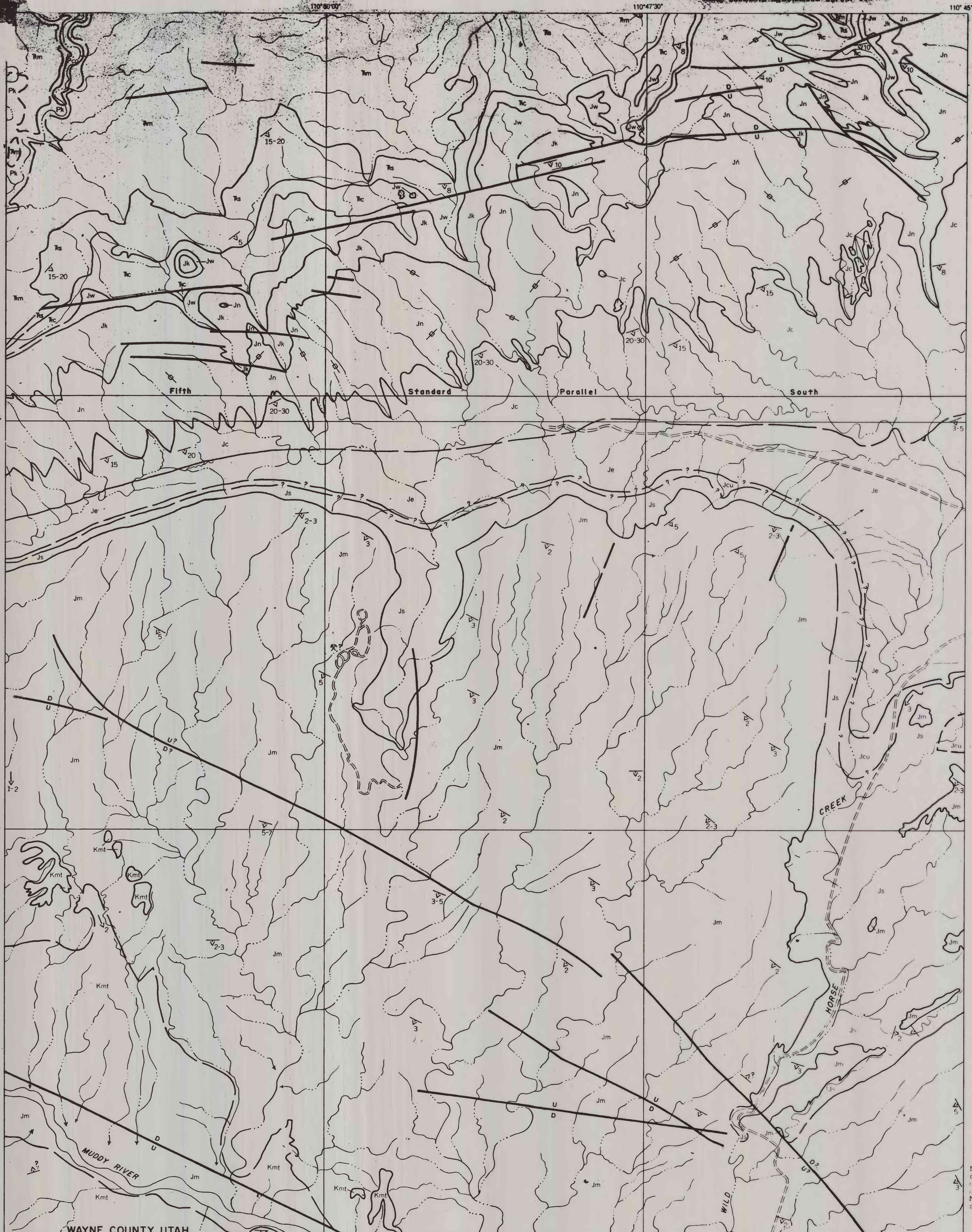
COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY
COLORADO PLATEAU AREA, UNITED STATES
[redacted]



EXPLANATION

CRETACEOUS

Upper

Kmt — Tununk shale member, Mancos formation

JURASSIC

Upper

Jm — Morrison formation

Js — Summerville formation

Jcu — Curtis formation

Je — Entrada formation

Middle and Upper

Jc — Carmel formation

JURASSIC (?)

Jn — Navajo sandstone

Jk — Kayenta formation

Jw — Wingate sandstone

TRIASSIC

Upper

Trc — Chinle formation

Trs — Shinarump conglomerate

Lower

Trm — Moenkopi formation

PERMIAN

Pk — Kaibab limestone

Pco — Coconino sandstone

Contact
(Can be accurately located within 30 feet horizontally)

Contact
(Can be approximately located within 30 to 200 feet horizontally)

Contact
(Cannot be located accurately; probable error greater than 200 feet)

Probable or doubtful contact

Fault
(Dashed where approximately located)

High-angle fault
(U, upthrown side; D, downthrown side)

Strike and dip of beds
(Based on photo-interpretation)

Dip component

Strike of approximately vertical joint system
(Based on photo-interpretation)

Uninterpretable linear feature on photograph
(May be geologically significant)

Mine or quarry

Secondary road

County boundary

Note: In the areas of Stinking Spring Creek quadrangles 11, 12, 13, and 14, four units of the Moenkopi formation are recognizable on the aerial photographs. However, the Moenkopi formation is here mapped as a single formation.

BASE MAP COMPILED BY SOIL CONSERVATION SERVICE
U. S. DEPT. OF AGRICULTURE

1952

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

STINKING SPRING CREEK QUADRANGLE

TRUE NORTH
15°30'

PHOTOGEOLOGIC MAP
STINKING SPRING CREEK-14
WAYNE COUNTY, UTAH

PHOTOGEOLOGY BY C.E. BATES

SCALE 1:24,000

0 — 1 MILE

Stratigraphic column modified from U. S. Geological Survey Oil and Gas Inv. Map OM 131 and Bulls. 806 and 951.